

Fig. 1

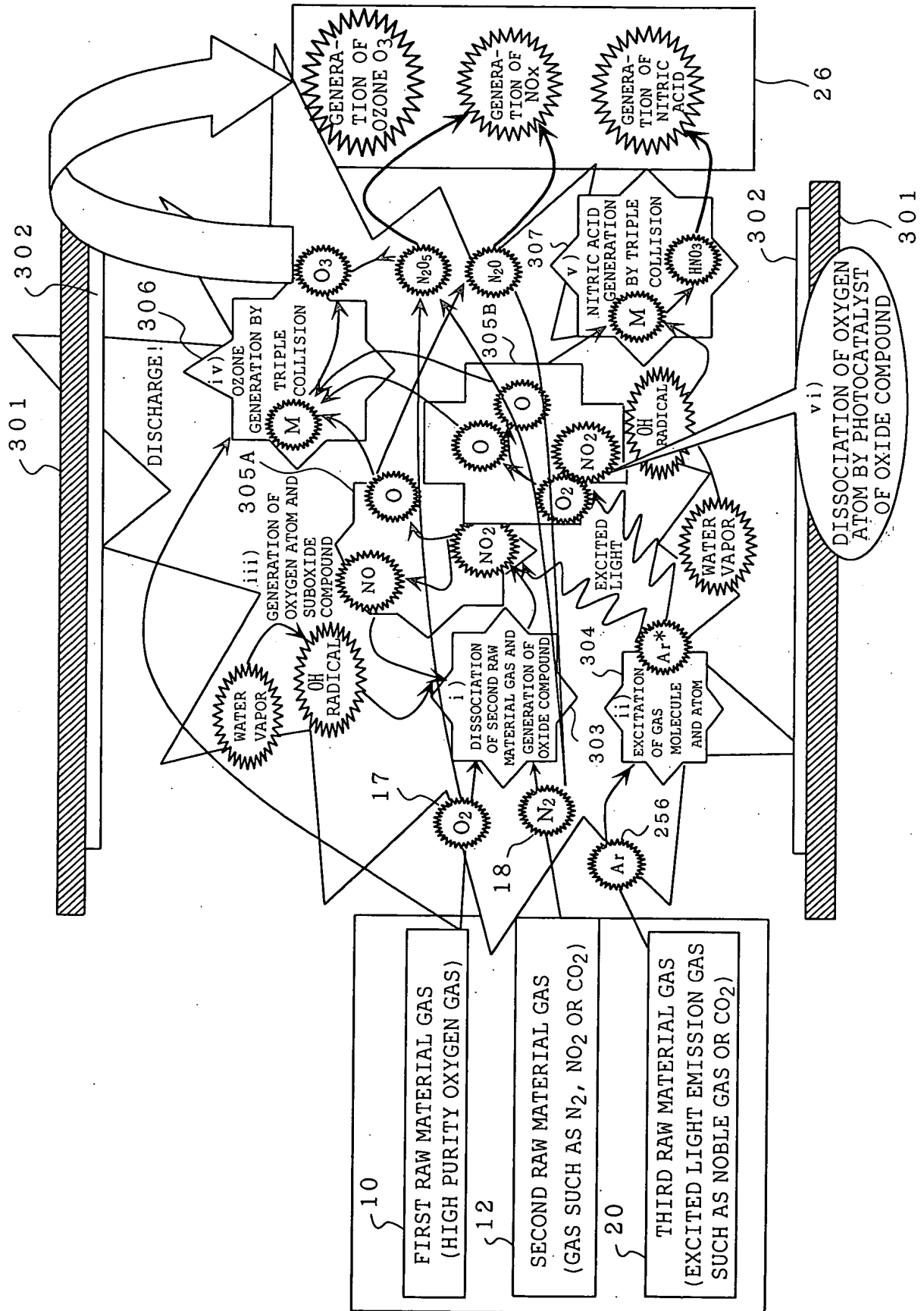


Fig. 2

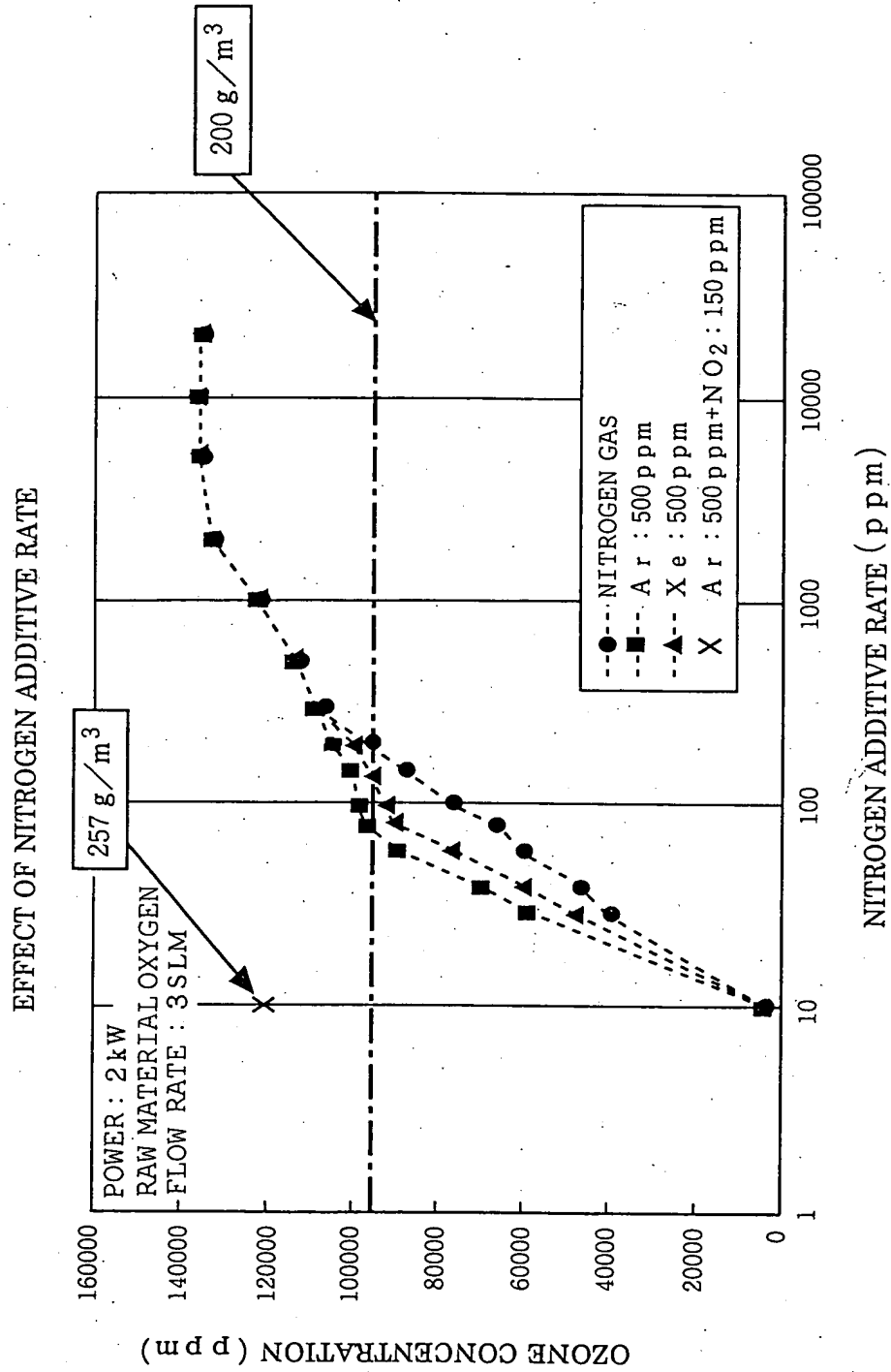


Fig. 3

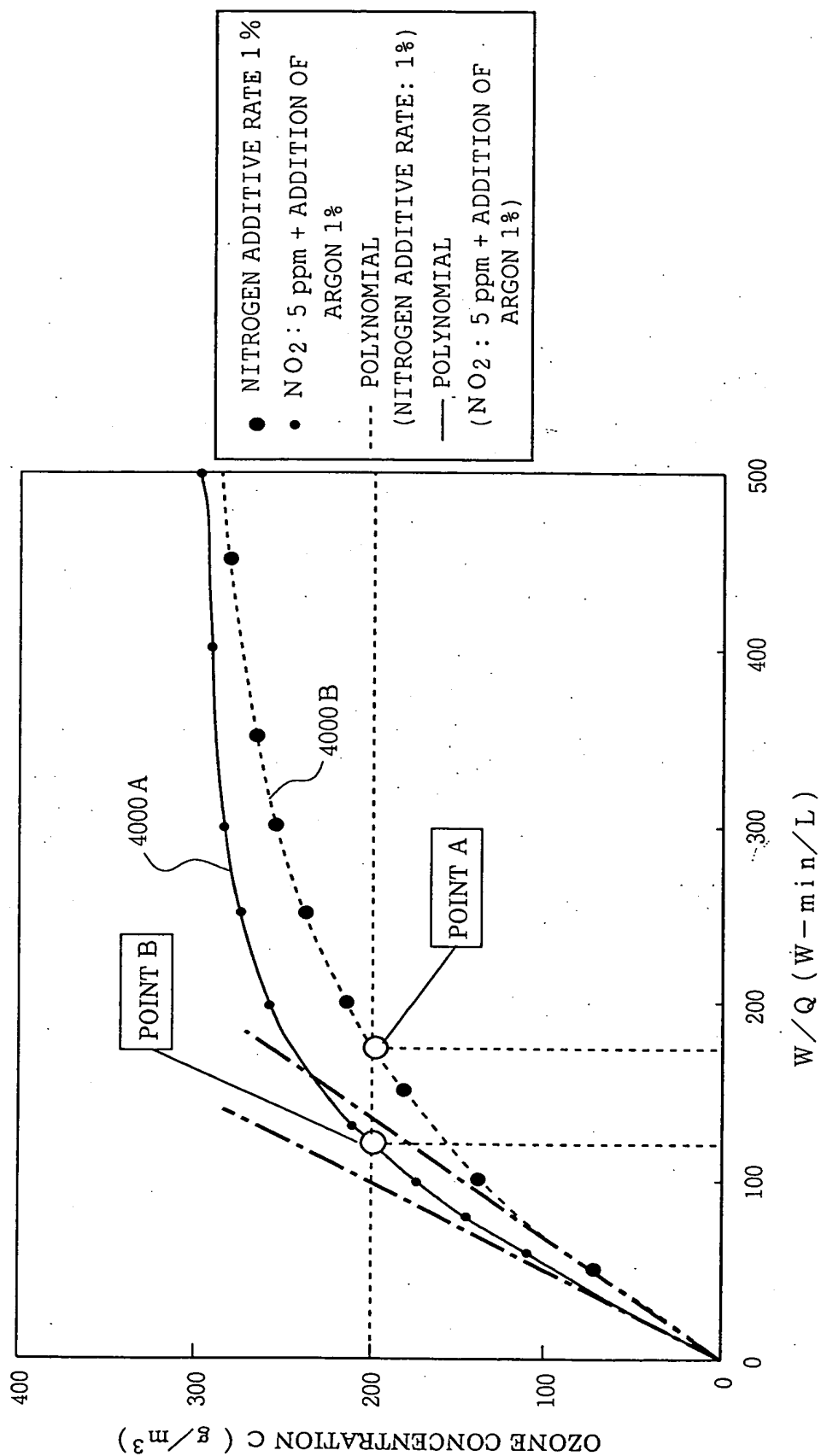


Fig. 4

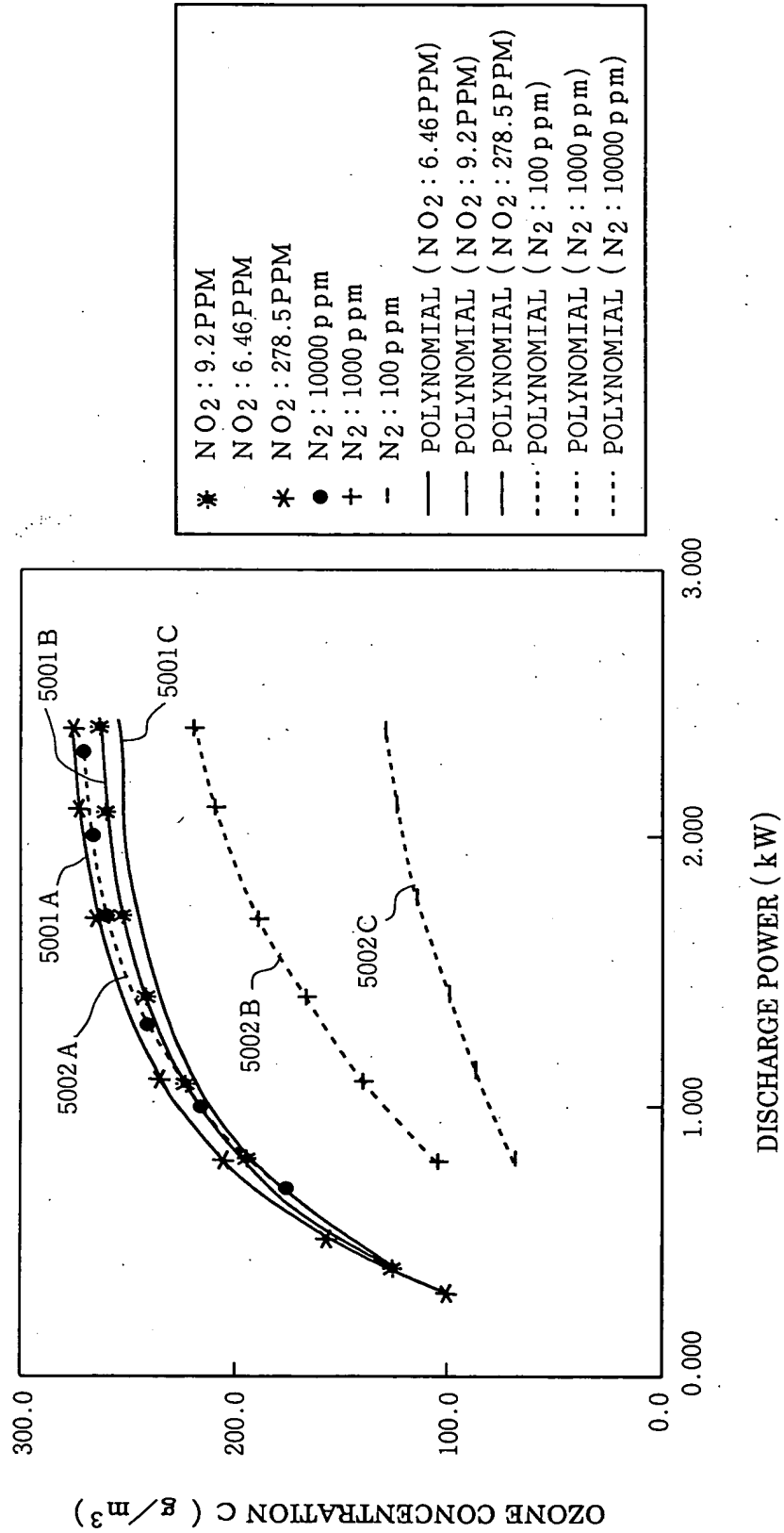


Fig. 5

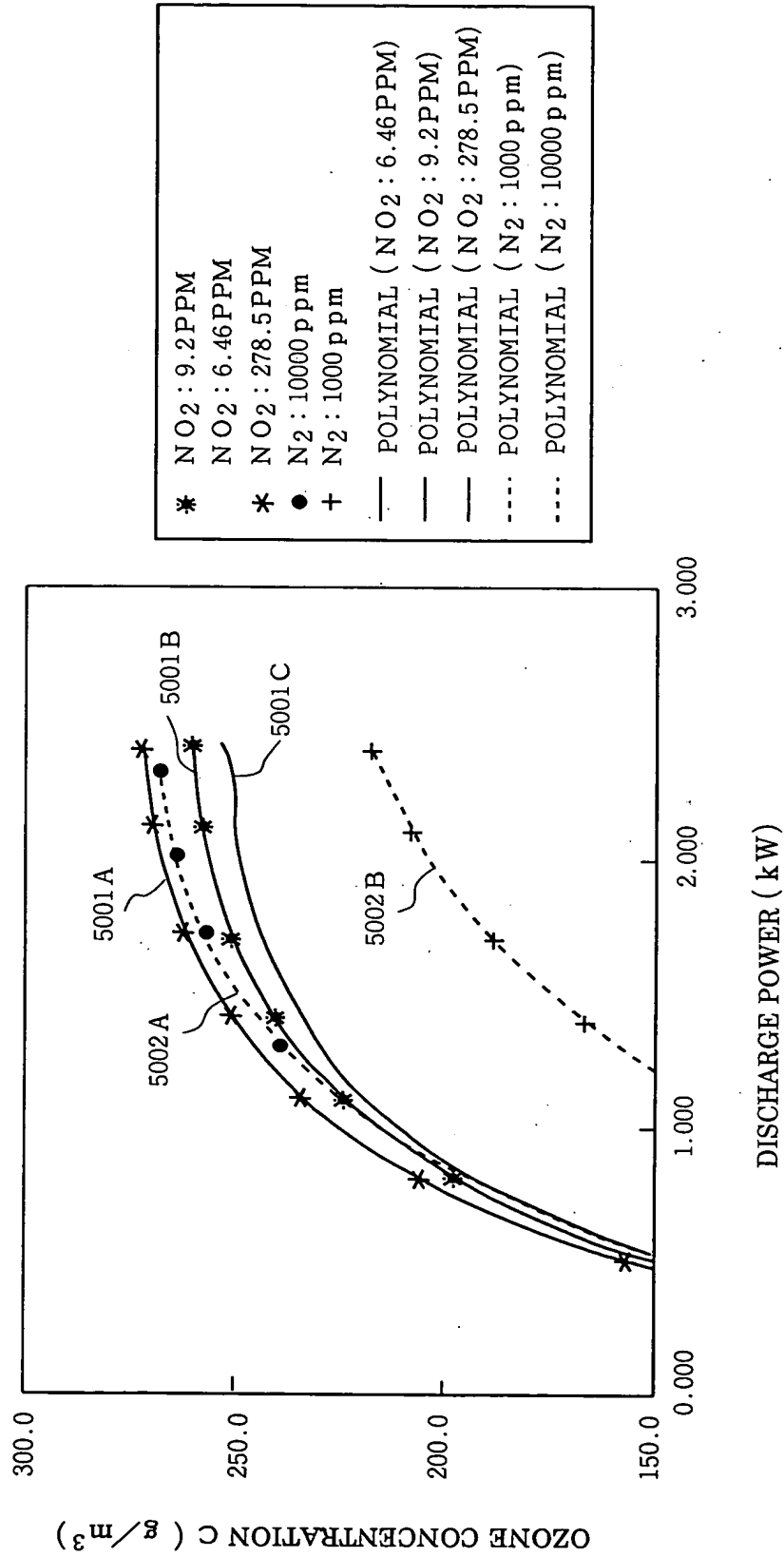
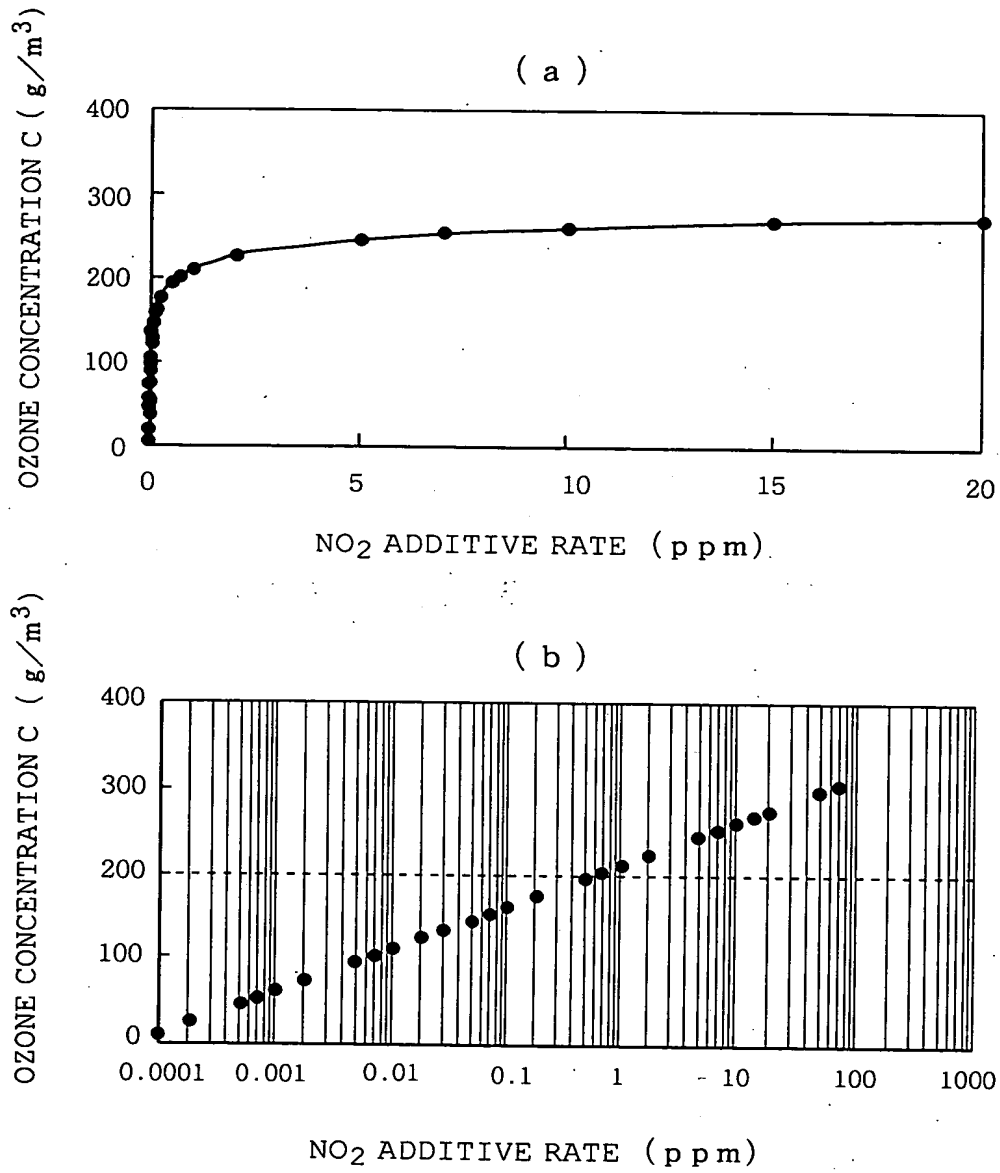
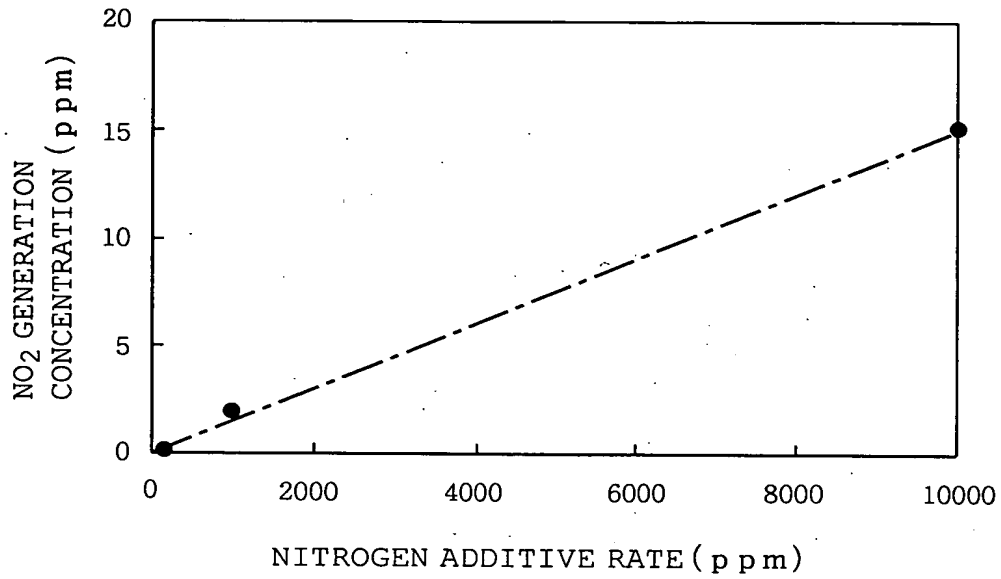


Fig. 6



F i g . 7



F i g . 8



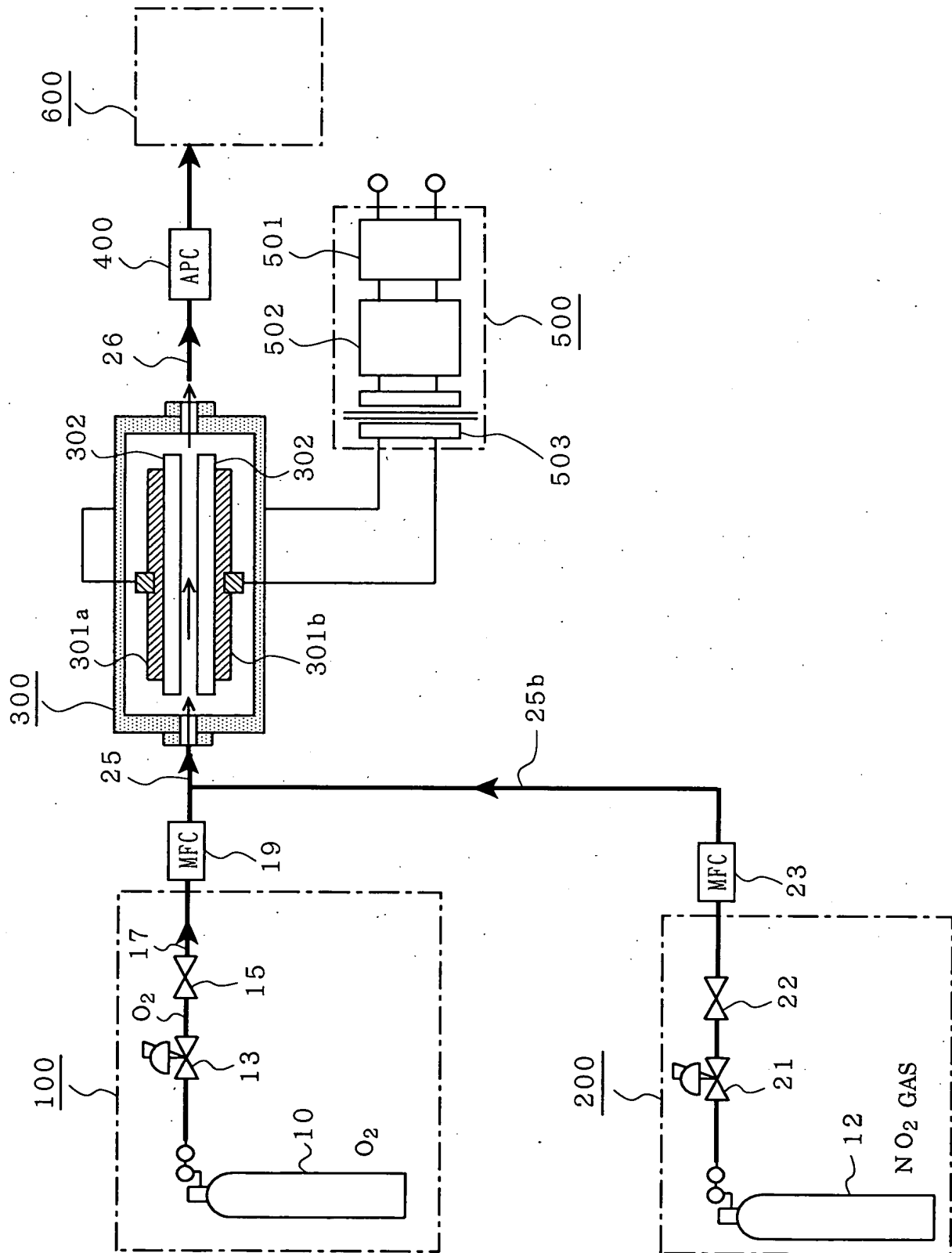


Fig. 9

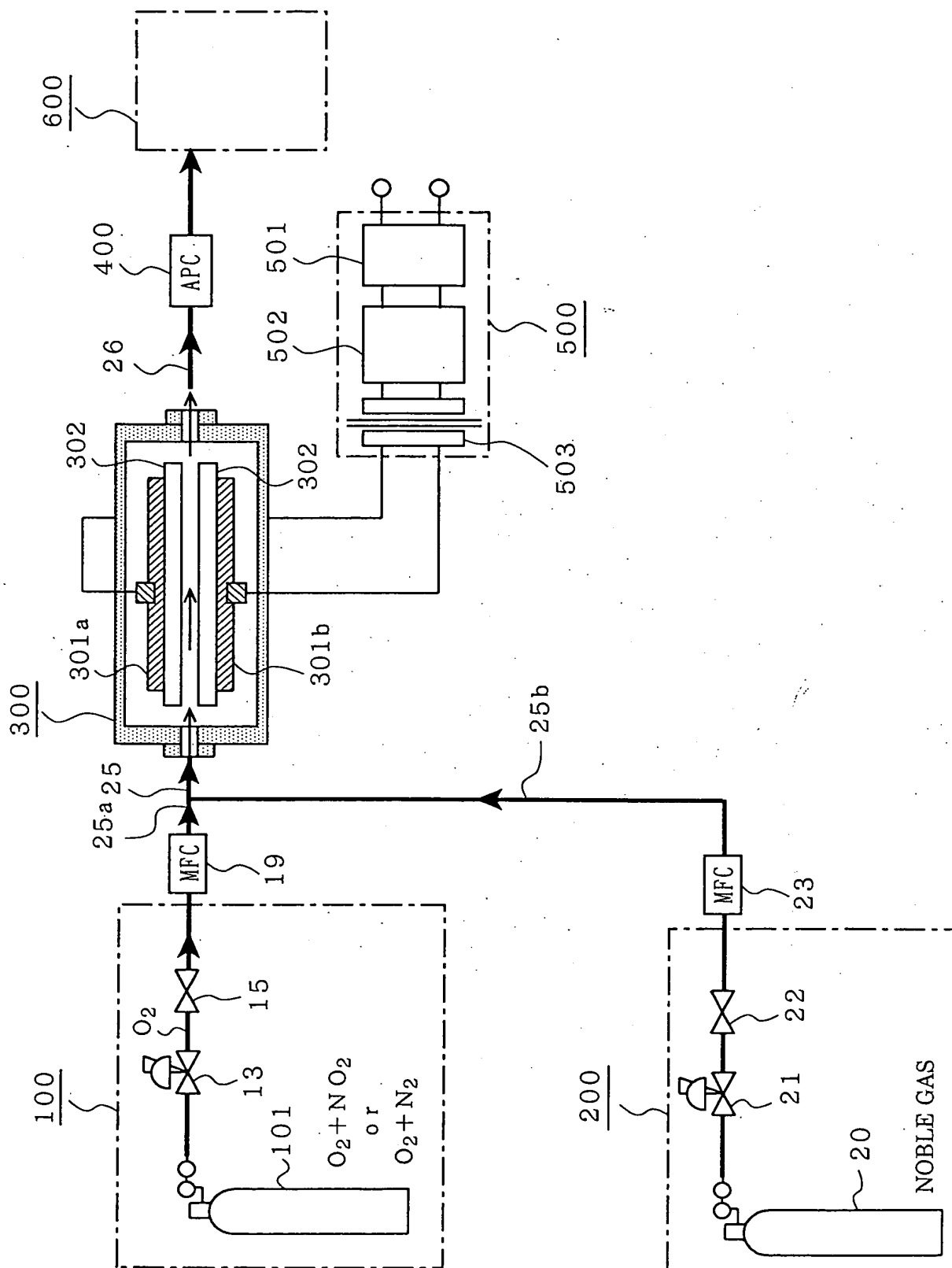


Fig. 10

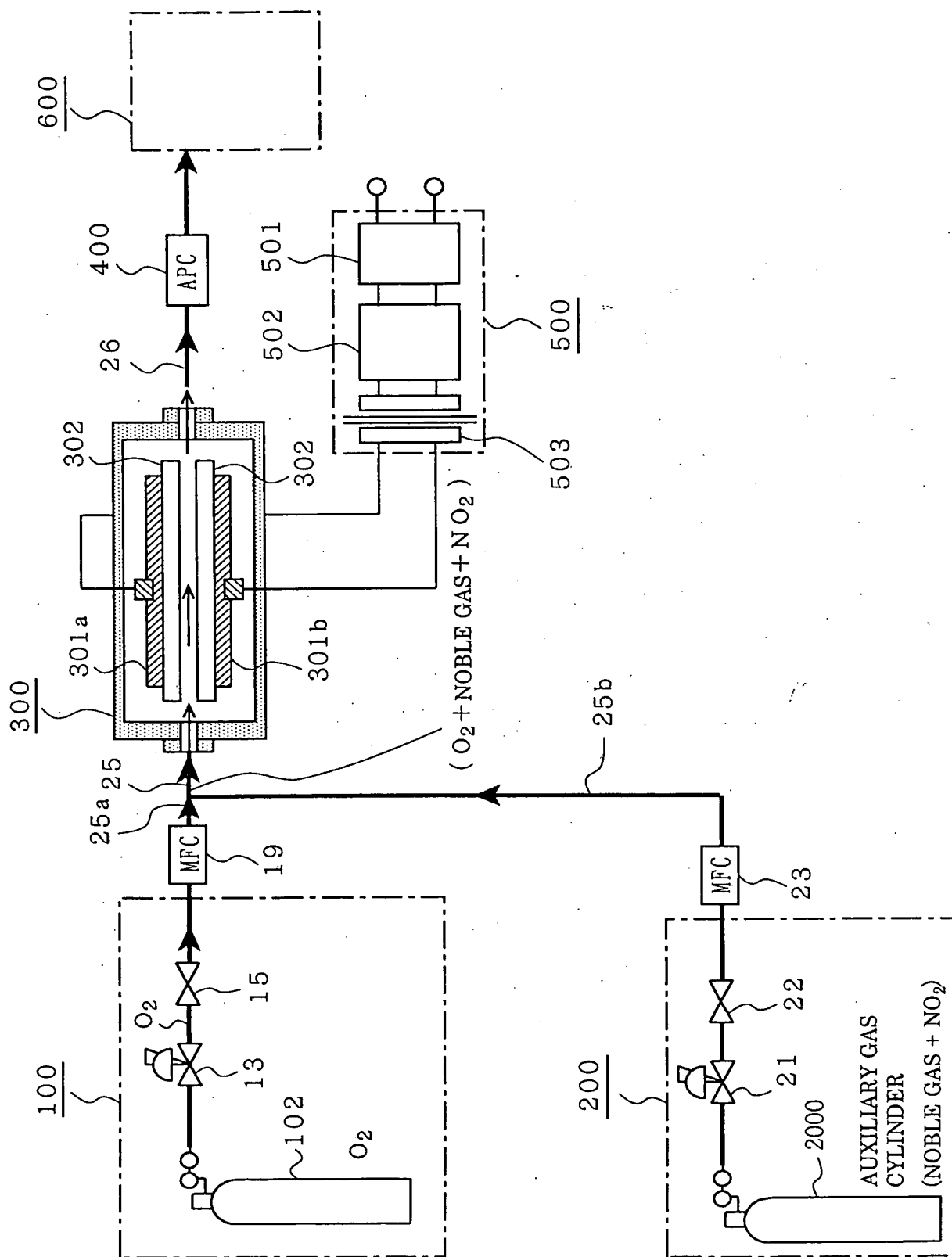


Fig. 11

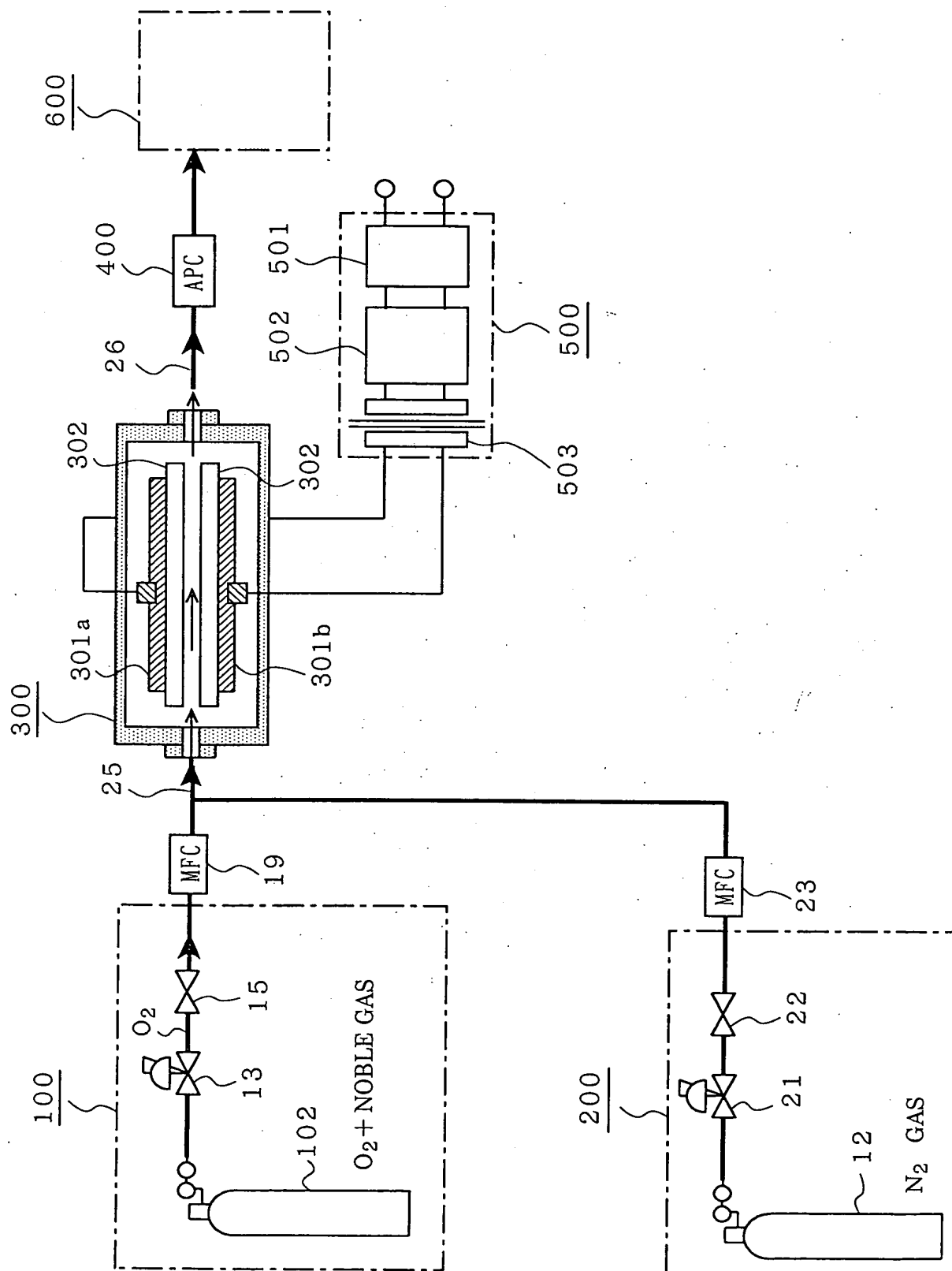


Fig. 12

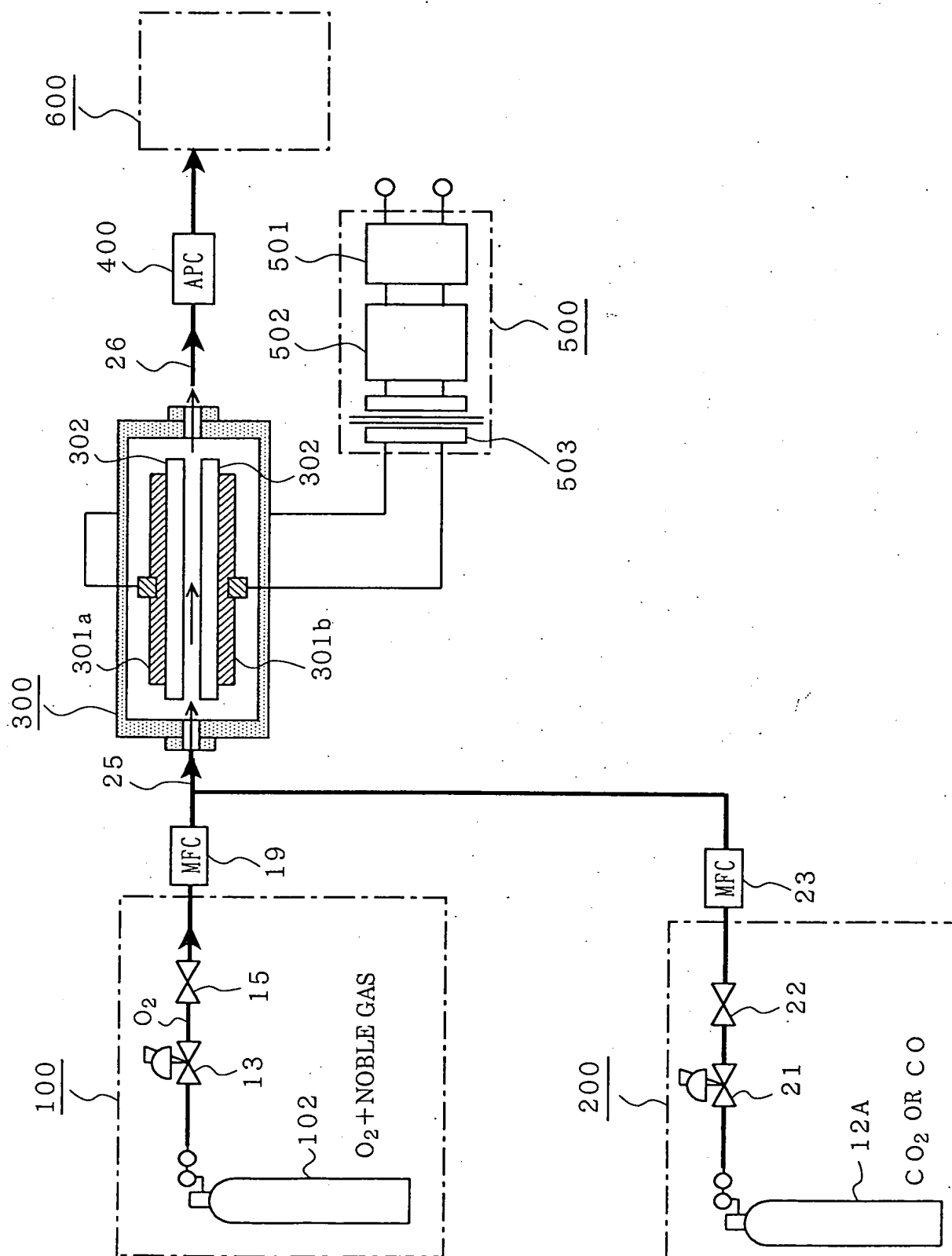


Fig. 13

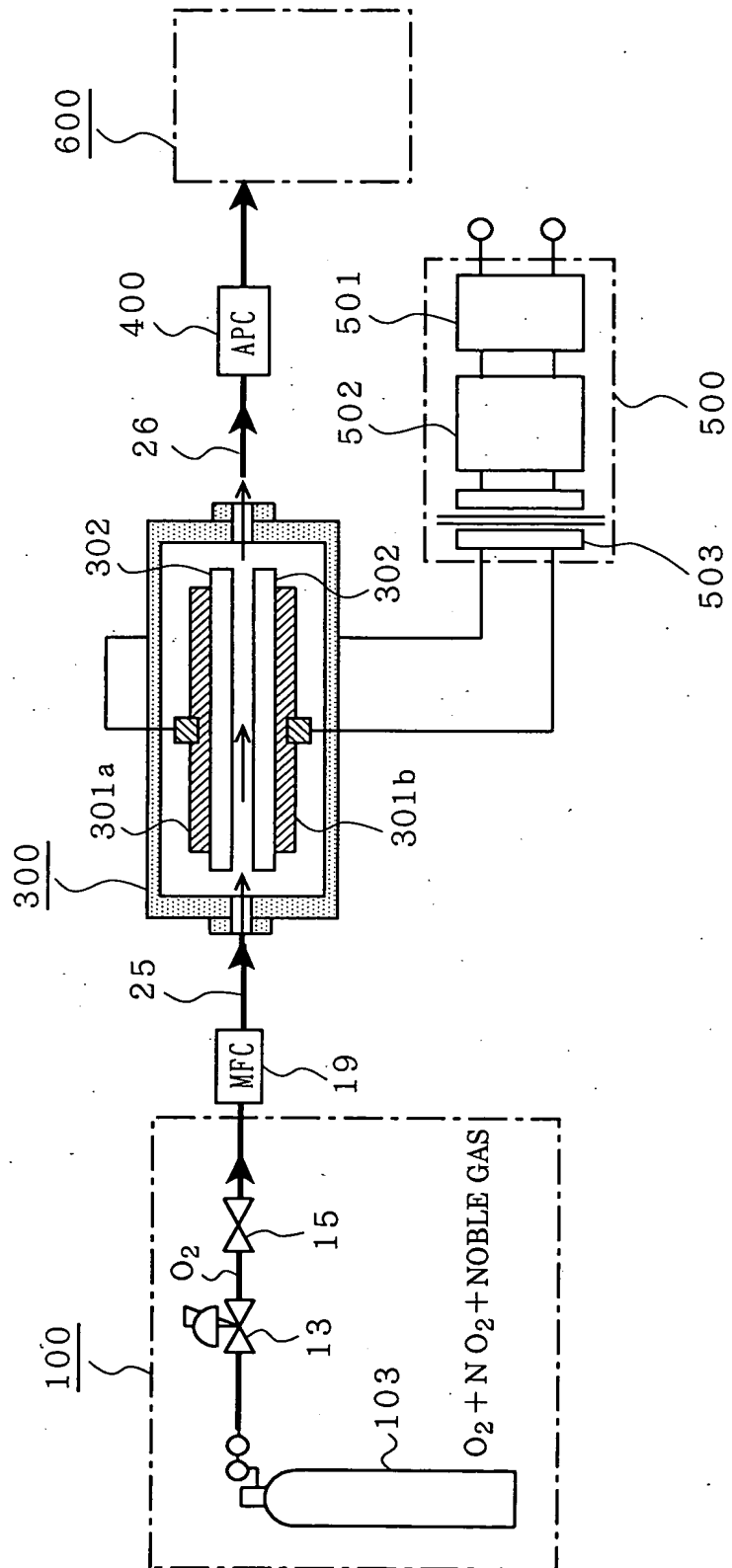
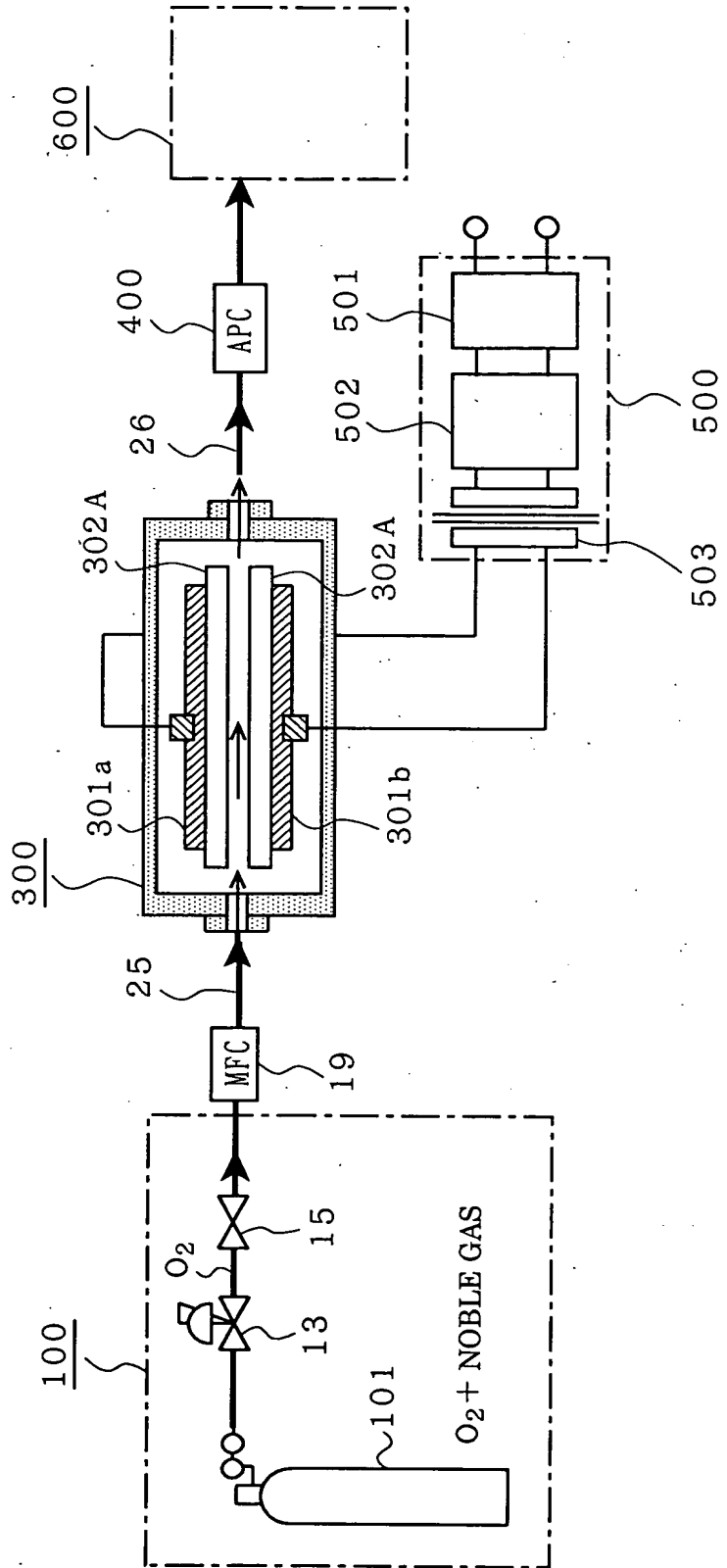


Fig. 14



302A: DIELECTRIC CONTAINING TiO<sub>2</sub>

Fig. 15

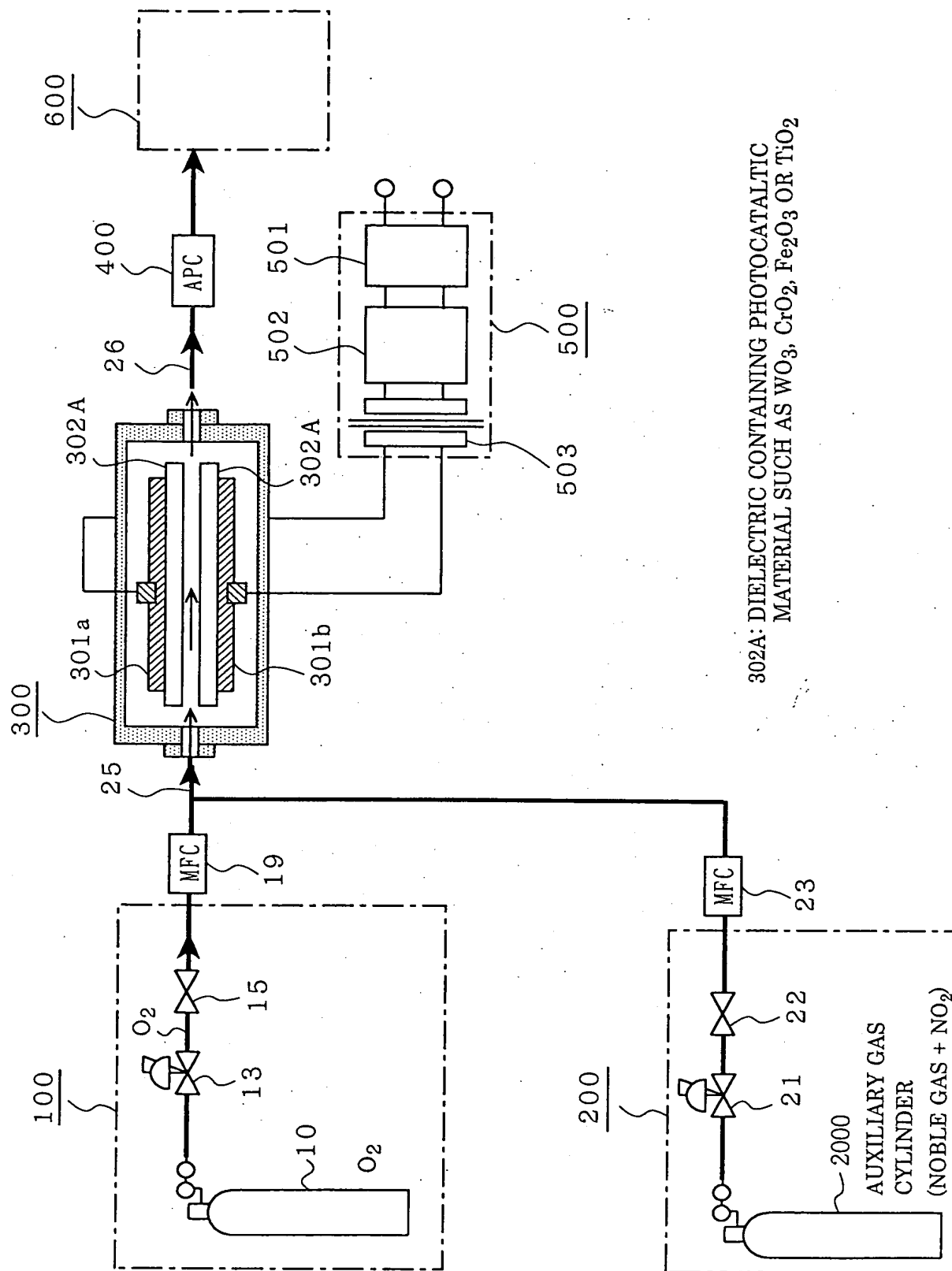


Fig. 16



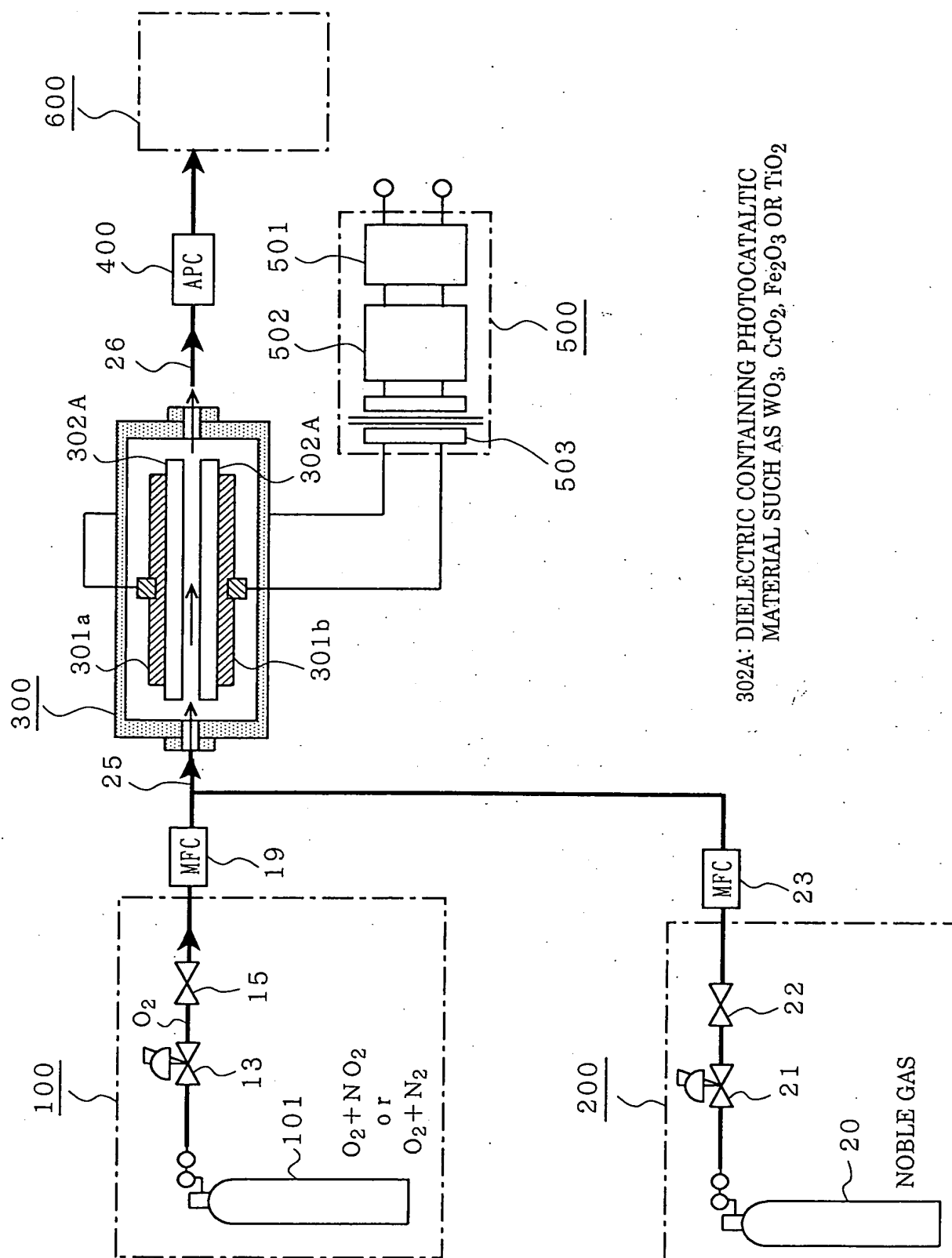


Fig. 17

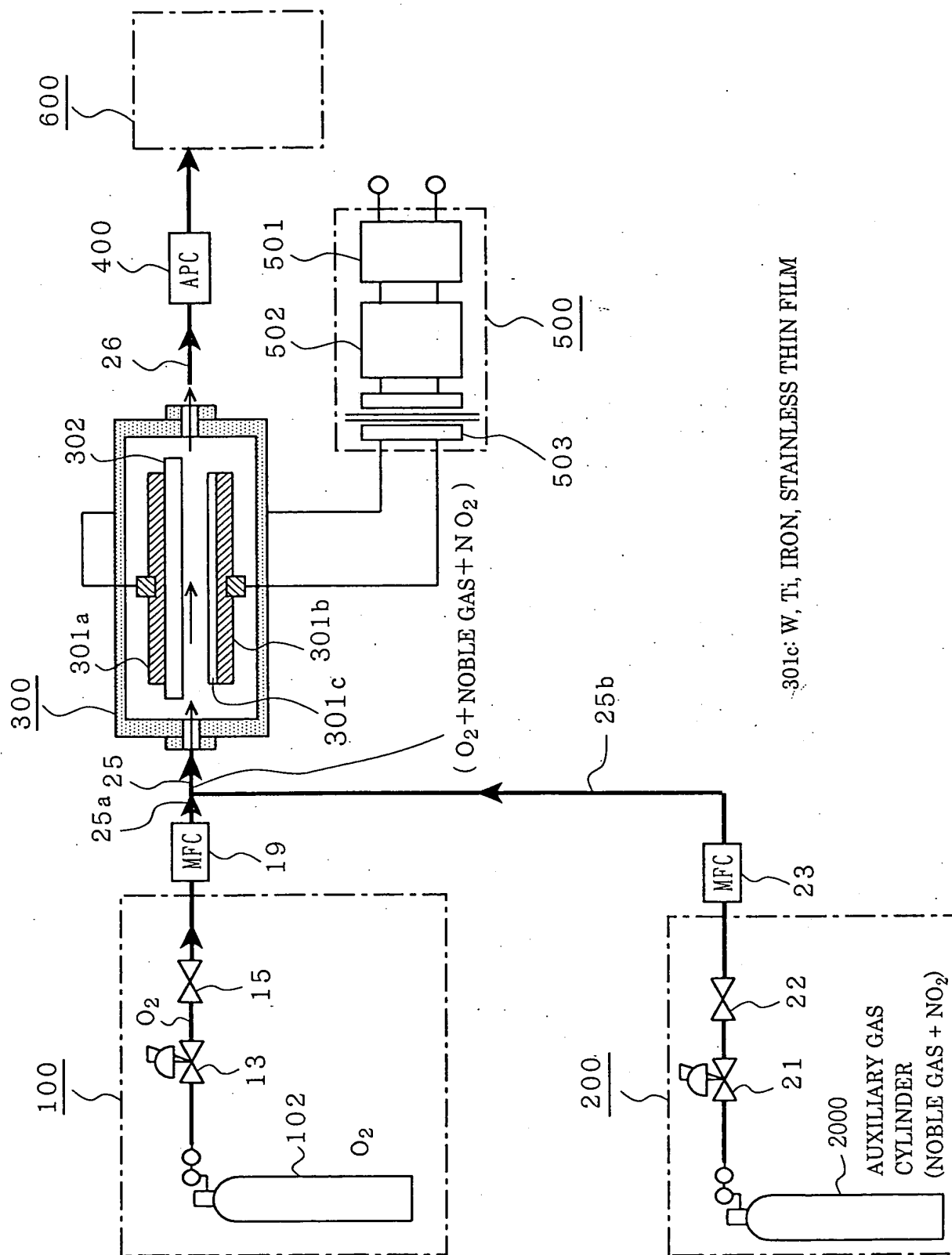


Fig. 18

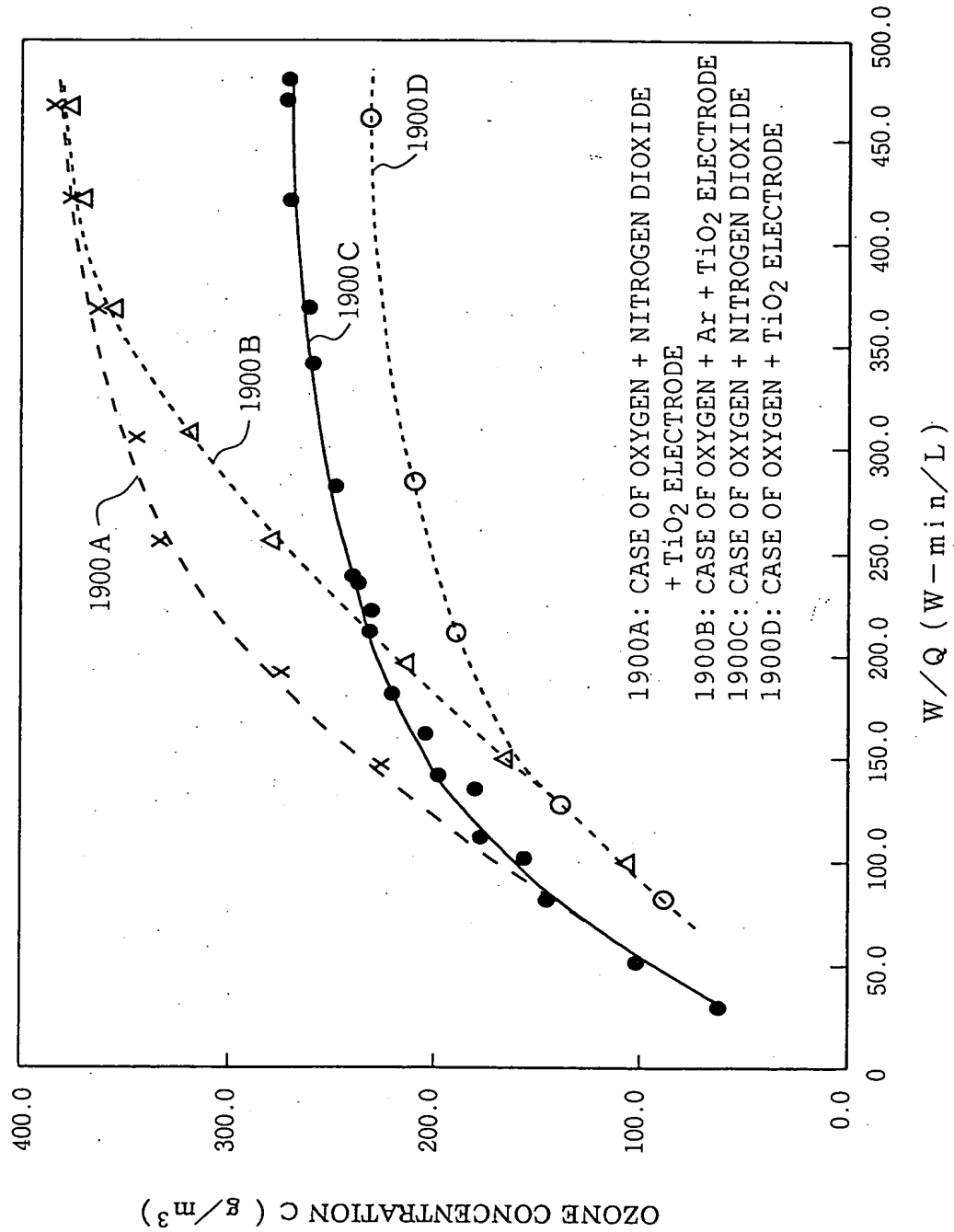
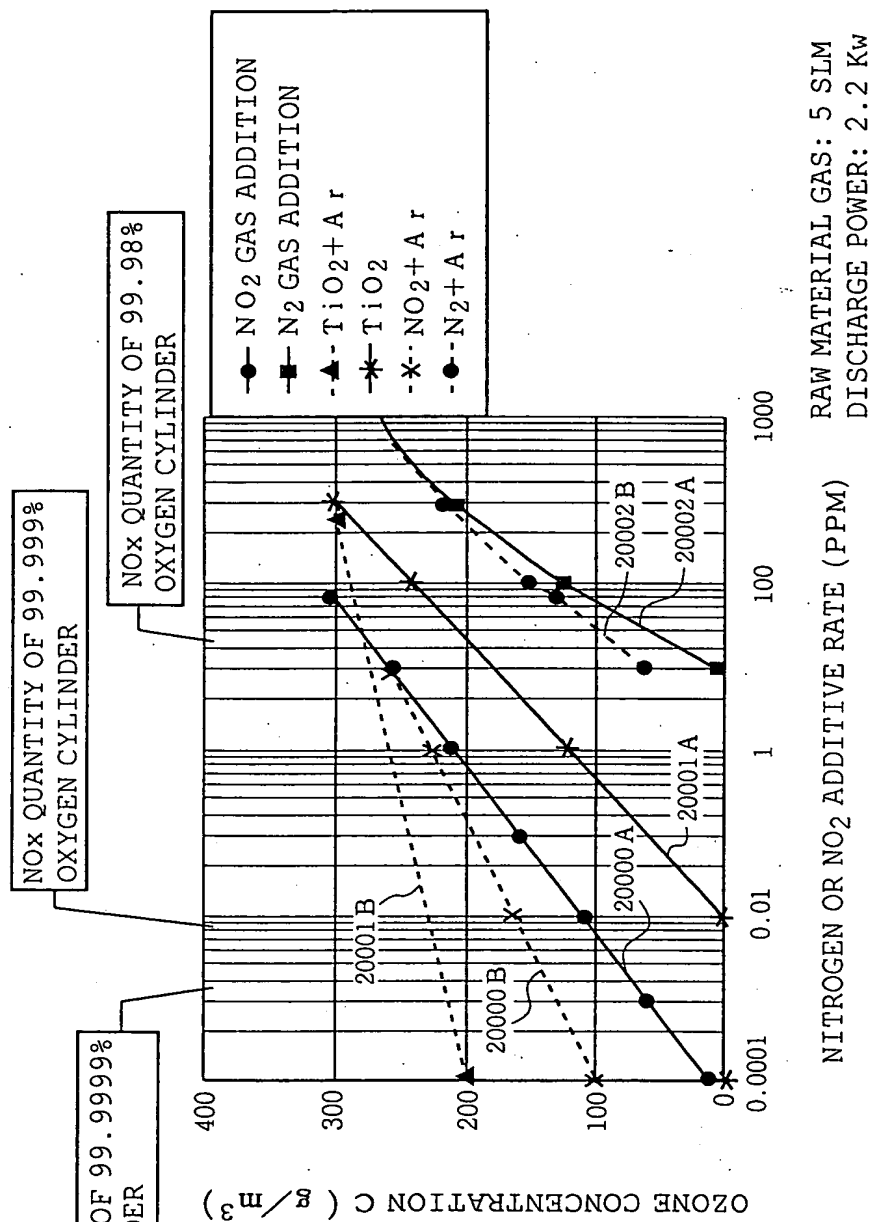
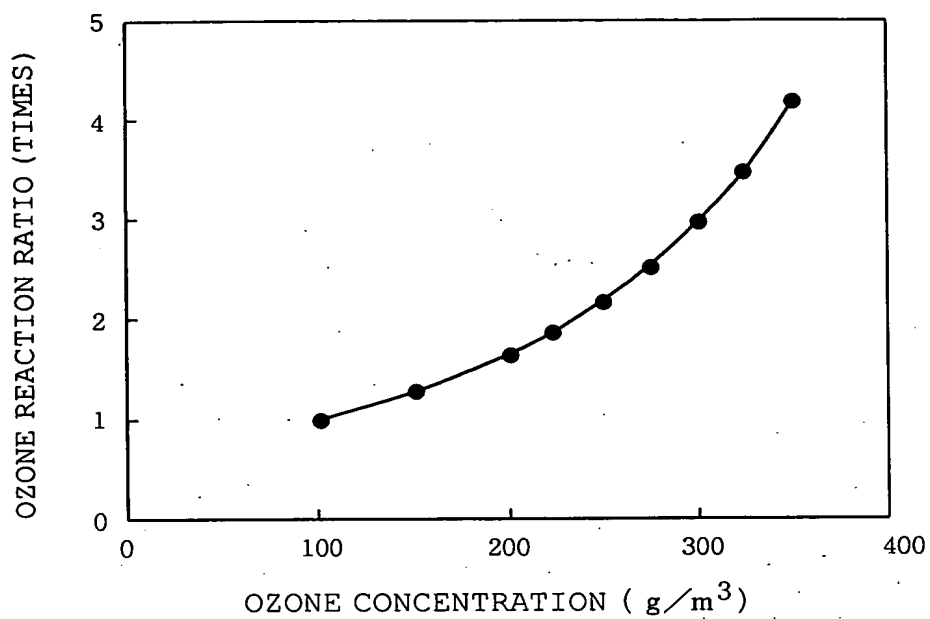


Fig. 19

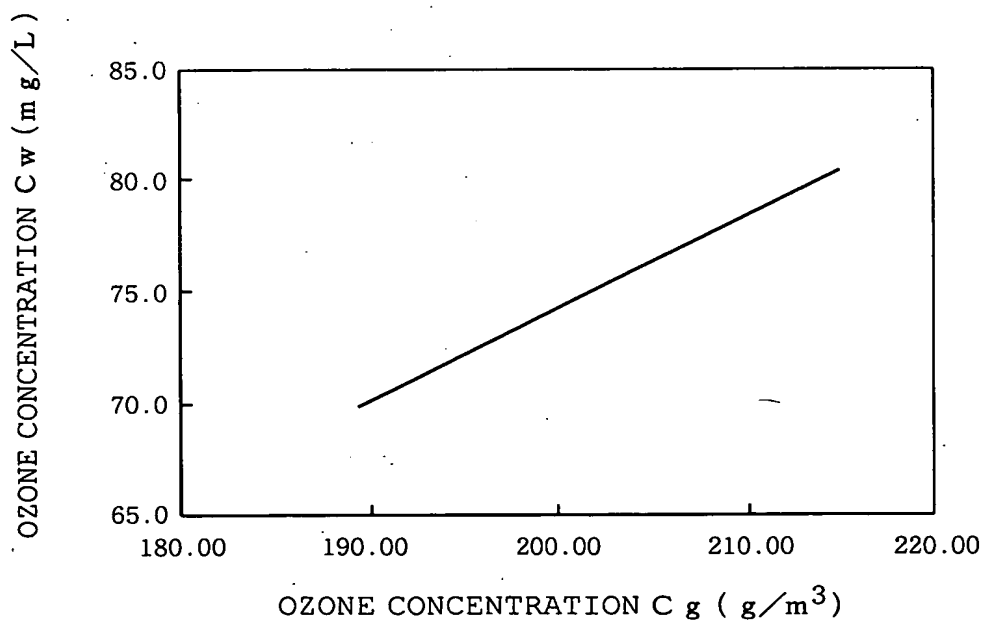


- 2000A: CASE WHERE O<sub>2</sub> + (NO<sub>2</sub>) GAS IS ADDED
- 2000B: CASE WHERE O<sub>2</sub> + (NO<sub>2</sub> + Ar) GAS IS ADDED
- 2001A: CASE WHERE O<sub>2</sub> + (N<sub>2</sub>) GAS IS ADDED TO TiO<sub>2</sub> ELECTRODE
- 2001B: CASE WHERE O<sub>2</sub> + (N<sub>2</sub> + Ar) GAS IS ADDED TO TiO<sub>2</sub> ELECTRODE
- 2002A: CASE WHERE O<sub>2</sub> + (N<sub>2</sub>) GAS IS ADDED
- 2002B: CASE WHERE O<sub>2</sub> + (N<sub>2</sub> + Ar) GAS IS ADDED

Fig. 20



F i g . 2 1



F i g . 2 2

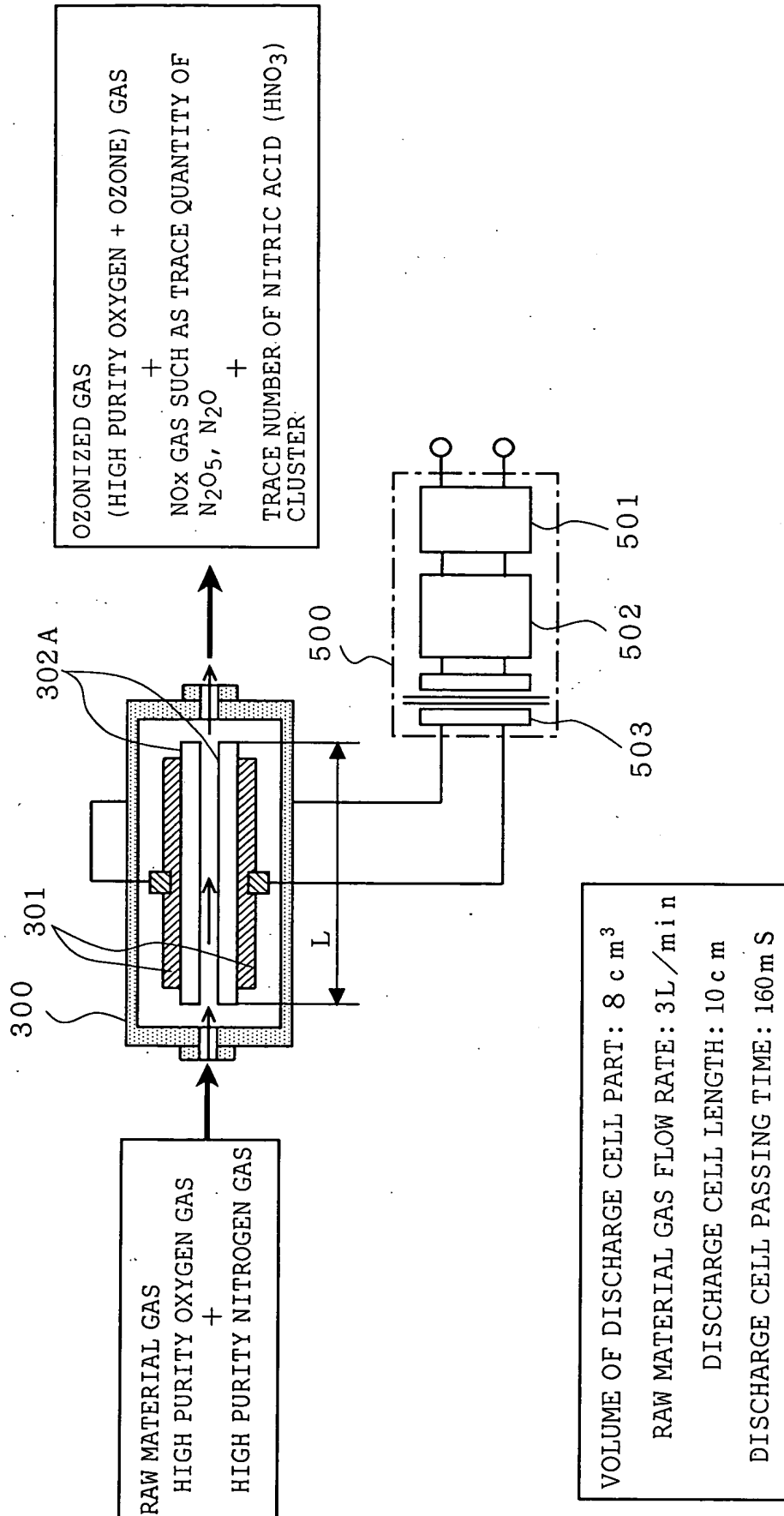


Fig. 23

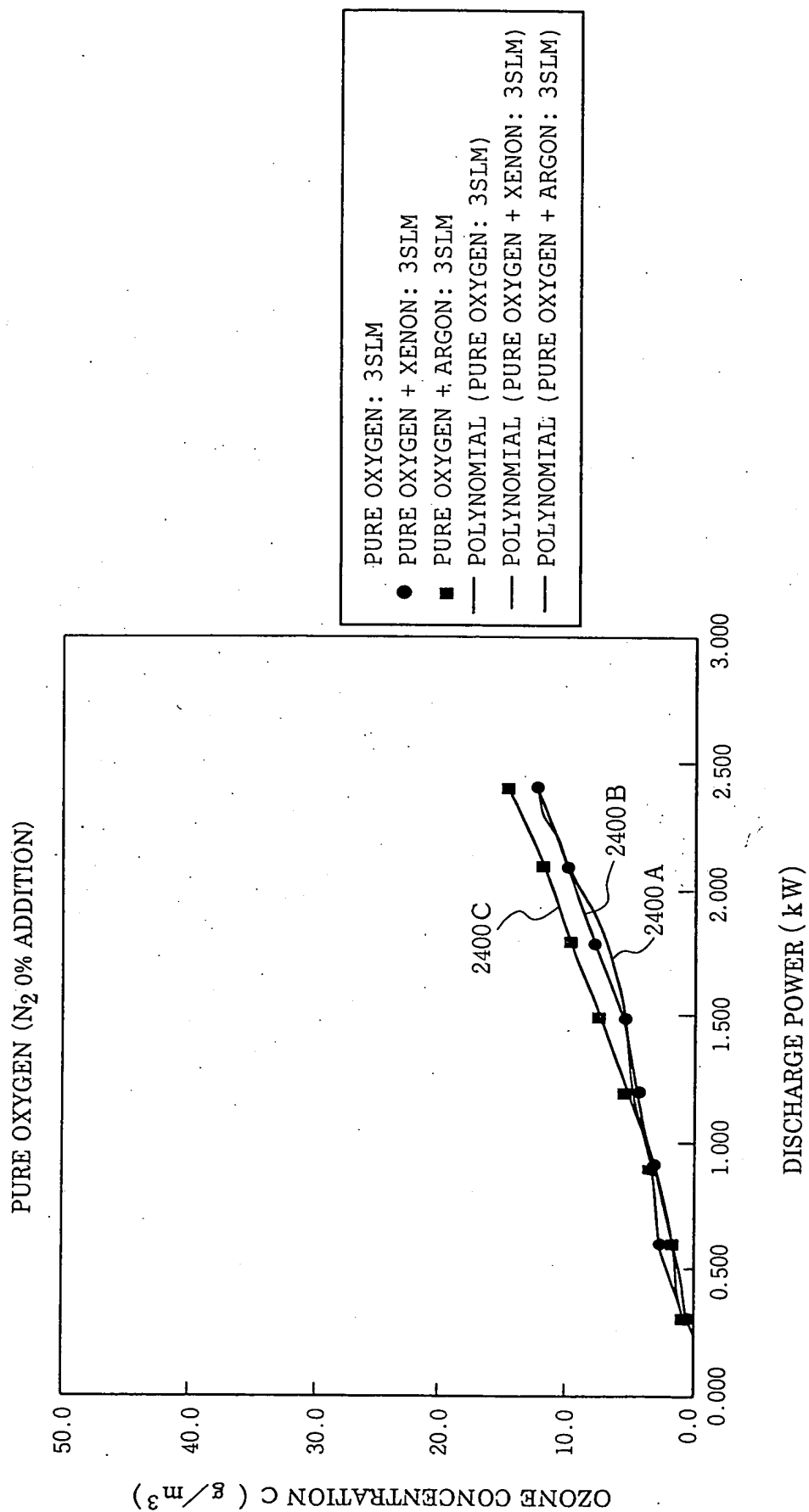


Fig. 24

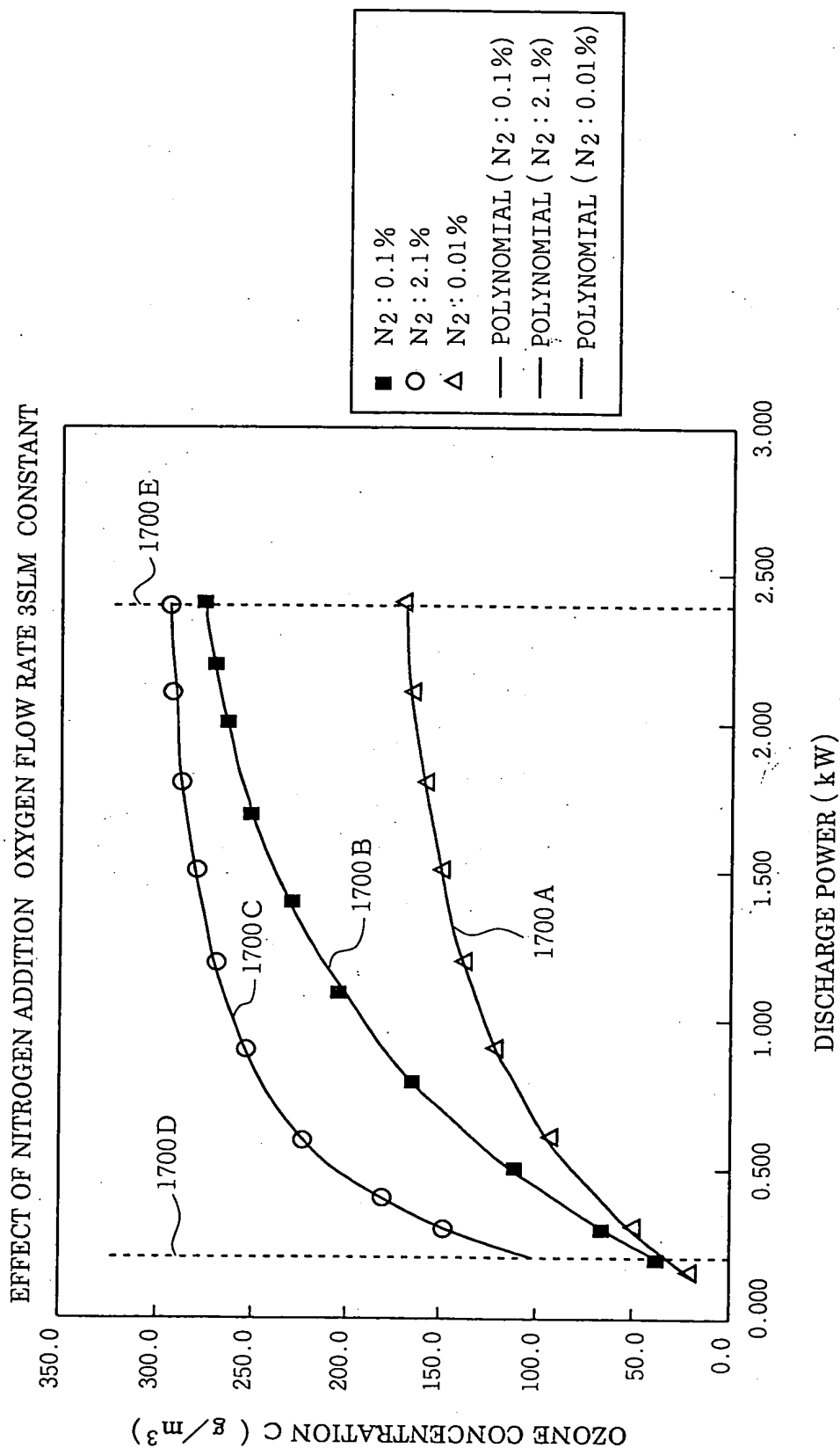


Fig. 25



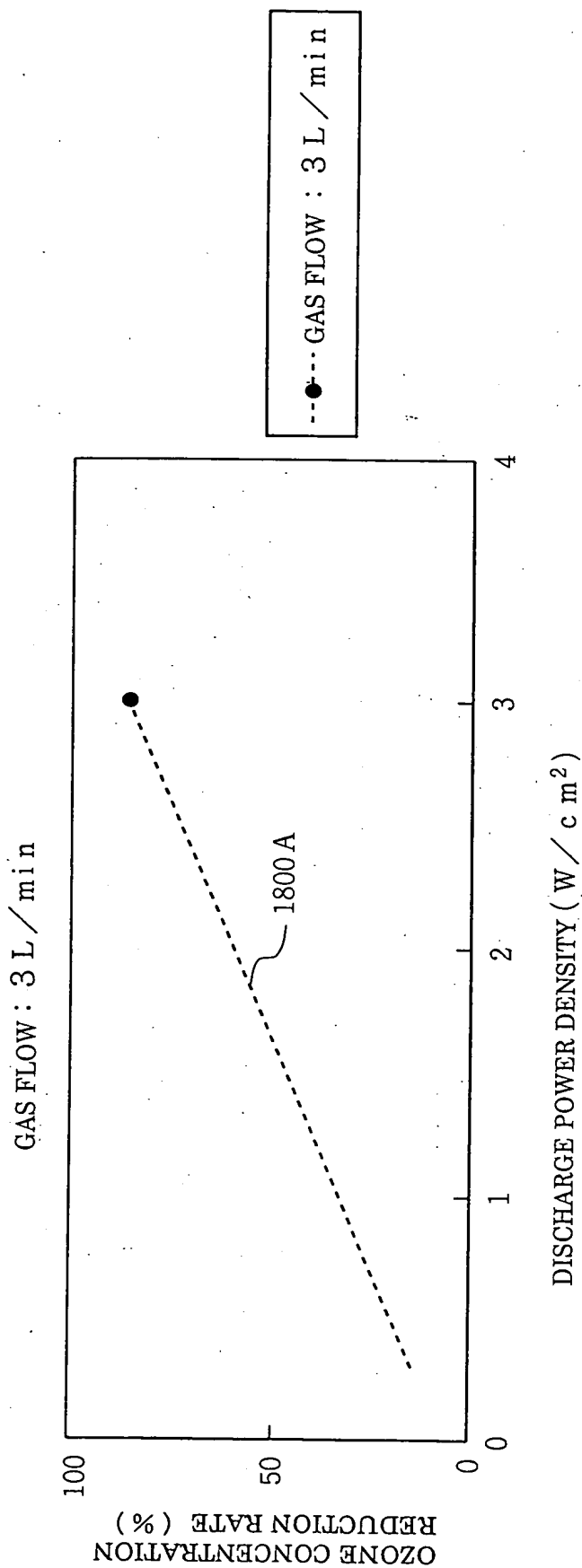


Fig. 26

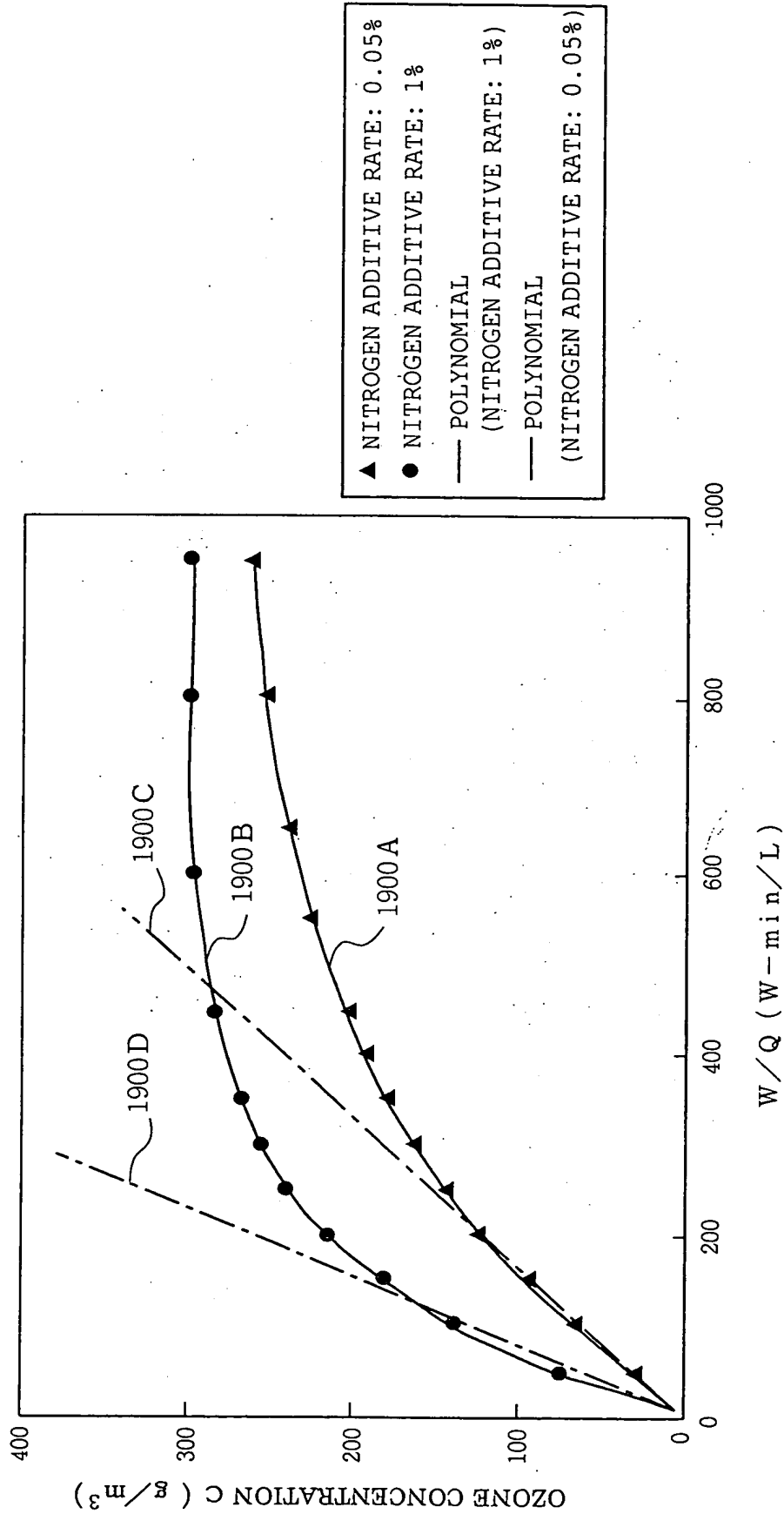
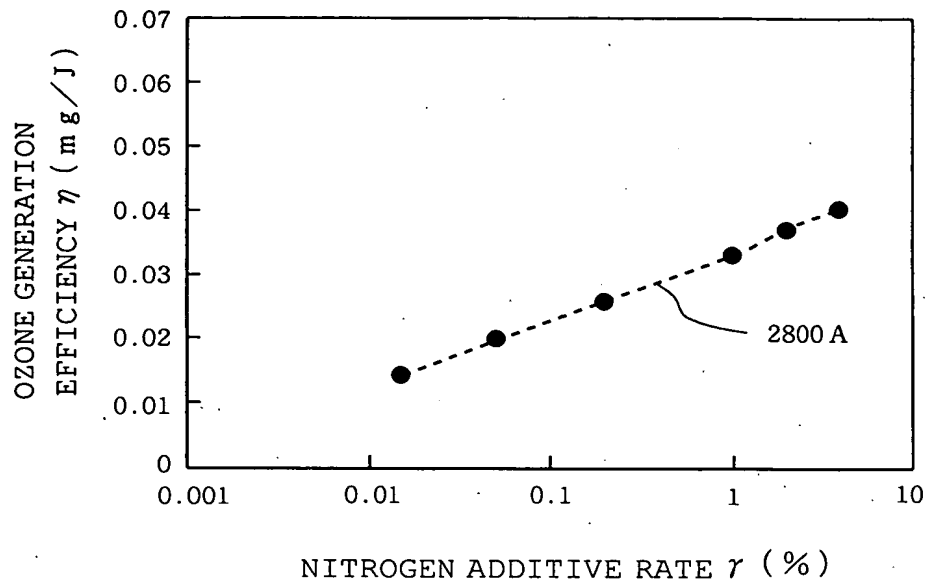
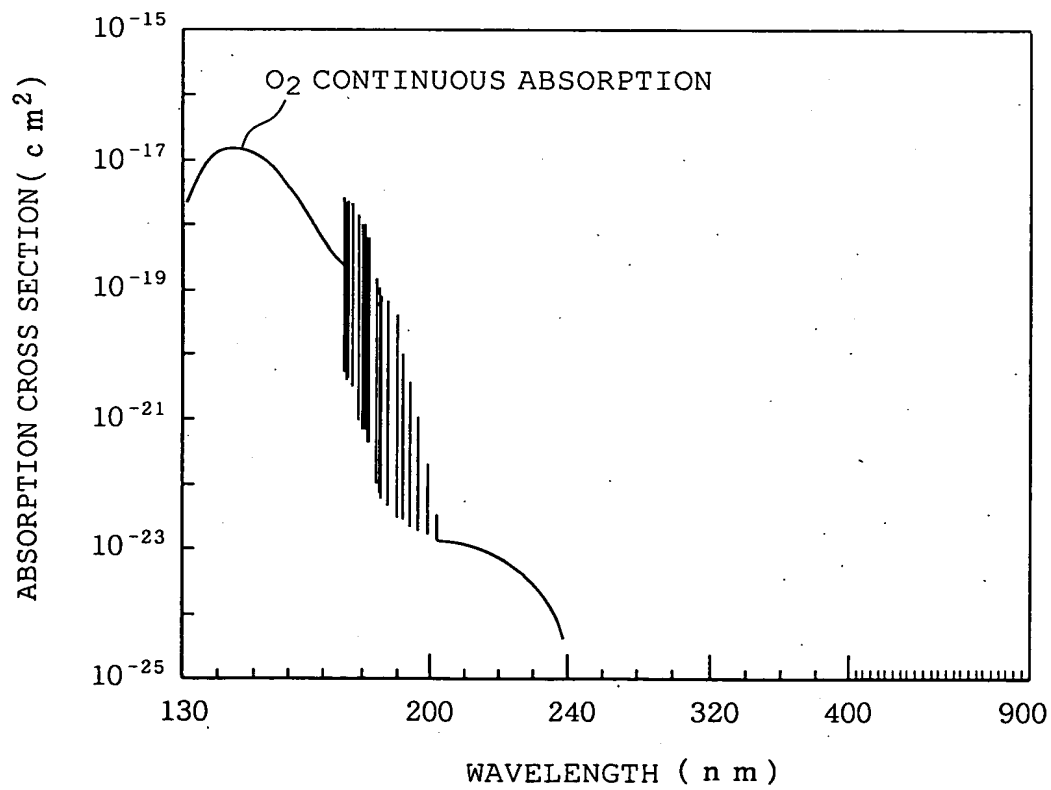


Fig. 27



F i g . 2 8



F i g . 2 9